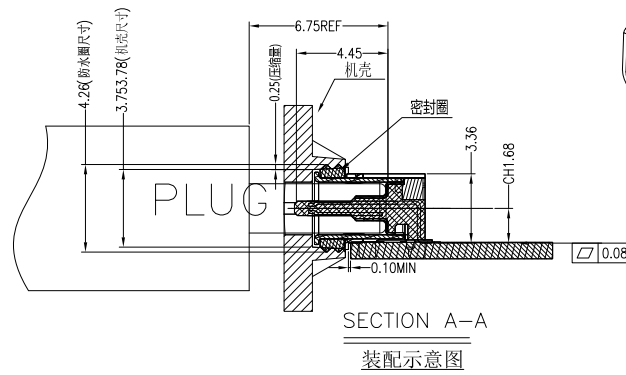
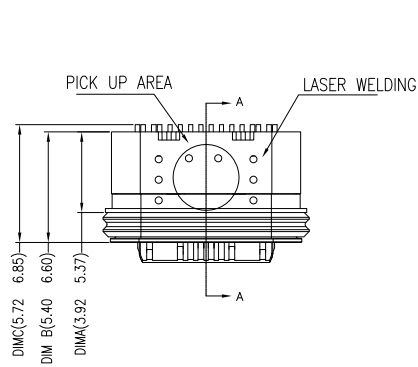
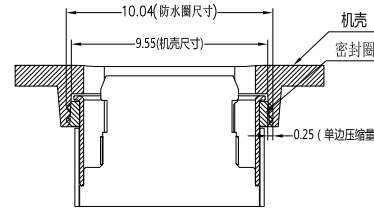
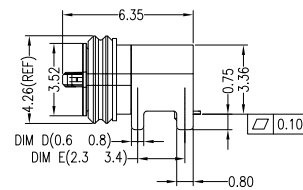
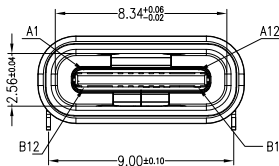
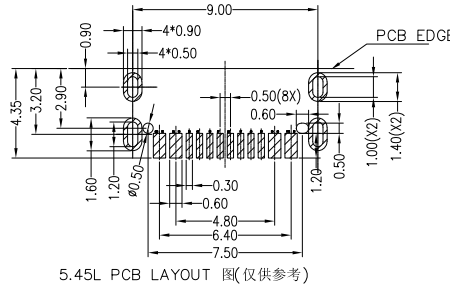
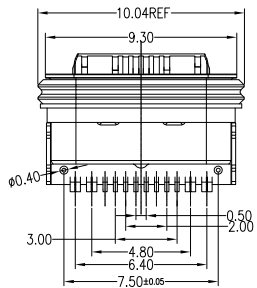


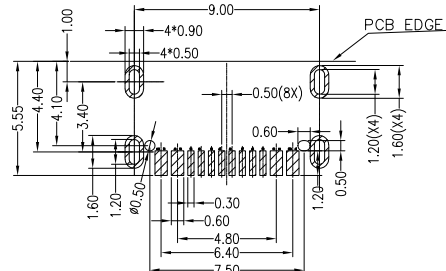
- Note:
1. Material:
 - 1.1 Out shell: SUS
 - 1.2 Contact: copper alloy
 - 1.3 INNER Shell: SUS
 - 1.4 Middle plate: SuS
 - 1.5 EMI: SUS
 - 1.6 Running ring: Silica Gel.
 - 1.7 Houseing: High temperature thermoplastic UL94V-0
 2. ELECTRICAL:
 - 2-1: CURRENT RATING:
VBUS AND GND CONTACTS RATED AT 3A Max
VBUS AND GND CONTACTS RATED AT 0.5A Min
0.9Amps Max. for all other contact.
PARALLELED FOR A TOTAL OF 5A;
 - 2-2: INITIAL CONTACT RESISTANCE: 40 mΩ;
 - 2-3: DIELECTRIC WITHSTANDING VOLTAGE: 100V AC MIN;
 3. MECHANICAL CHARACTERISTICS:
 - 3-1: MATING FORCE: 5~20N
 - 3-2: UNMATING FORCE: 8~20N (INITIAL),
6~20N (AFTER 10000 CYCLES)
 - 3-3: FREQUENCY: 200±50 CYCLES/HOUR, 10000 CYCLES
 - 3-4: OPERATING TEMPERATURE: -40°~80°.
 - 3-5: WATERPROOF: IPX5



装配示意图



5.45L PCB LAYOUT 图(仅供参考)



6.6L PCB LAYOUT 图(仅供参考)

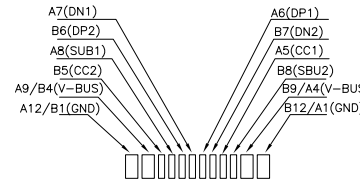


TABLE B
Type c Pin Assignments

A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

NO	PART NO	DIM A	DIM B	DIM C	DIM D	DIM E
1	HTCC470003	3.92	5.40	5.72	0.6	2.3
		5.37	6.60	6.85	0.8	3.4

A							GENERAL TOLERANCE .x ±0.25 .xx ±0.20 .xxx ±0.15 Ang. ±1°	 瑞澤電子股份有限公司 Horustech Electronics Co., Ltd	PART NO. HTCC470003				A					
	2024/03/18	A1	A2	2024031811E	Add length 6.6mm material specifications	JASON			FRANK	TITLE.								
	2024/01/19	A	A1	2024011917E	Added EMI shrapnel structure	JASON			FRANK	APPROVAL	CHECK	DRAWN		DATA	TYPE C 16PIN WATERPROOF RECEPTACLE			
	DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK			APPROVAL	PROJECT	FRANK	JASON		SAM	2024/3/18	UNIT mm	SCALE 1 : 1	NUMBER A-00
	1		2	3		4	 	5		6		7		8				